

RECEIVED PCT/PTO 13 APR 2006

PCT

**SIEMENS****FACSIMILE COVER SHEET**In the UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Georg Bostanjoglo

Application No.: 10/541,691

Atty. Docket No. 2002P17431WOUS

Filed: July 08, 2005

Title: PROCESS FOR PRODUCING SINGLE-CRYSTAL STRUCTURES, AND COMPONENT

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

► FACSIMILE ATTN TO: KAREN M. WILLIAMS

FAX NO.: 571-273-9824

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)****Certificate of Transmission under 37 CFR 1.8**I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on  
April 13, 2006.

Ann Hickey

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

- This facsimile cover sheet which includes a Certificate of Transmission under 37 CFR 1.8 (1 pg)
- Response to Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office bearing "date mailed" of 02/14/2006 (2 pgs, original + 1 copy);
- Copy of Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office to be returned with response (2 pgs);
- Declaration for Patent Application, Power of Attorney & Designation of Correspondence Address (4 pgs)
- Preliminary Amendment in Response to Notification of Missing Requirements (7 pgs)

**Number of pages being transmitted (including this cover sheet): 16 pgs**

The information contained in this facsimile message may contain attorney privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us. Thank you.

**Siemens Corporation**Legal and Intellectual Property  
Department4400 Alafaya Trail  
Orlando Florida 32826Tel: 407-736-2472  
FAX: 407-736-6440

BEST AVAILABLE COPY

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Georg Bostanjoglo  
Serial No.: 10/541,691  
Filed: July 08, 2005

Docket No.: 2002P17431WOUS  
Examiner: Not Yet Assigned  
Group Art Unit: Not Yet Assigned

Title: PROCESS FOR PRODUCING SINGLE-CRYSTAL  
STRUCTURES, AND COMPONENT

13 April 2006

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE  
UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

Mail Stop PCT Missing Parts  
Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office having a mailing date of 02/14/2006 and for which a period for response of two (2) months from the mailing date of said Notice is set to expire 04/14/2006.


Enclosed is a Declaration by the present Inventors and a copy of the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office.

Please charge Deposit Account No. 19-2179 for the surcharge of \$130.00 in accordance with 37 CFR 1.492(h). Issuance of a formal Filing Receipt is respectfully solicited.

04/24/2006 MAILPROM 00000129 192179 10341331

01 736-6449 130.00 DR

Respectfully submitted,

  
John P. Musone  
Registration No. 44,961  
(407) 736-6449

Siemens Corporation  
Intellectual Property Department  
170 Wood Avenue South  
Iselin, NJ 08830

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to  
571-273-9824 at the Patent and Trademark Office on April 13, 2006.

  
Ann Hickey

IDNR: 7034 / V: 03.05.20 / B: Val

BEST AVAILABLE COPY



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

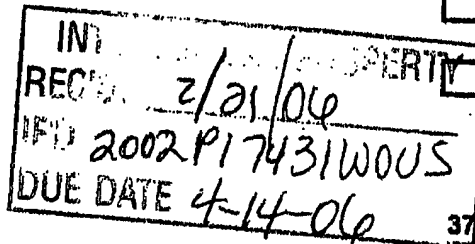
U.S. APPLICATION NUMBER NO. 10/541,691	FIRST NAMED APPLICANT Georg Bostanjoglo	ATTY. DOCKET NO. 2002P17431WOUS
---	--	------------------------------------

INTERNATIONAL APPLICATION NO. PCT/EP03/14255
---

LA. FILING DATE 12/15/2003	PRIORITY DATE 01/10/2003
-------------------------------	-----------------------------

CONFIRMATION NO. 1935  
371 FORMALITIES LETTER  
\*OC00000018033799\*

John P. Musone  
Siemens Corporation  
Intellectual Property Department  
170 Wood Avenue South  
Iselin, NJ 08830



Date Mailed: 02/14/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495):

- Copy of the International Application filed on 07/08/2005
- English Translation of the IA filed on 07/08/2005
- Copy of the International Search Report filed on 07/08/2005
- Preliminary Amendments filed on 07/08/2005
- Information Disclosure Statements filed on 07/08/2005
- Oath or Declaration filed on 07/08/2005
- U.S. Basic National Fees filed on 07/08/2005
- Substitute Specification filed on 07/08/2005
- Priority Documents filed on 07/08/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - Is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

DECI AVAILABLE COPY

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

Additionally the following defects have been observed:

- Preliminary Amendments have not been entered because the preliminary amendment does not address the original claims.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/541,691	PCT/EP03/14255	2002P17431WOUS

FORM PCT/DO/EO/905 (371 Formalities Notice)